

|    | Hits | Search Text  | DBs                                  |
|----|------|--|--------------------------------------|
| 1  | 29   | ((reagent or tag or label or dye) same (near-infrared or ("near" adj infrared))) and (capture near3 (agent or molecule))   | US - PGPUB; USPAT; EPO; JPO; DERWENT |
| 2  | 835  | ((reagent or tag or label or dye) same (near-infrared or ("near" adj infrared))) and (bind\$ or immobilized) and (laser same diode)  | US - PGPUB; USPAT; EPO; JPO; DERWENT |
| 3  | 40   | ((reagent or tag or label or dye) same (near-infrared or ("near" adj infrared))) and (bind\$ or immobilized) and (laser same diode) and microfluidic                               | US - PGPUB; USPAT; EPO; JPO; DERWENT |
| 4  | 25   | (light same source same (near-infrared or ("near" adj infrared))) and (tag or label) and immobilized and bind\$ and microfluidic   | US - PGPUB; USPAT; EPO; JPO; DERWENT |
| 5  | 35   | (tag or label) same albumin same lipoprotein   | US - PGPUB; USPAT; EPO; JPO; DERWENT |
| 6  | 9    | biosensor and (LCD same (advantage or benefit))  | US - PGPUB; USPAT; EPO; JPO; DERWENT |
| 7  | 37   | biosensor and (LCD same detector)  | US - PGPUB; USPAT; EPO; JPO; DERWENT |
| 8  | 15   | (IgG same (tag or label) same blood) and biosensor   | US - PGPUB; USPAT; EPO; JPO; DERWENT |
| 9  | 510  | ((detection or analysis) near1 (chamber or bubble or zone or area)) near3 (inside or within) near3 (reservoir or chamber or channel)   | US - PGPUB; USPAT; EPO; JPO; DERWENT |
| 10 | 158  | ((detection or analysis) near1 (chamber or bubble or zone or area)) near3 (inside or within) near3 (reservoir or chamber or channel)) and ("422"/\$ or "435"/\$ or "436"/\$).ccls. | US - PGPUB; USPAT; EPO; JPO; DERWENT |
| 11 | 53   | ((detection or analysis) adj2 ((inside or within) adj2 (reservoir or chamber or channel))) and ("422"/\$ or "435"/\$ or "436"/\$).ccls.  | US - PGPUB; USPAT; EPO; JPO; DERWENT |

|    | Hits | Search Text  | DBs   |
|----|------|--|---|
| 12 | 11   | (concentric near3 (cylinder or tube)) and ((analysis or detection) near2 (zone or chamber or bubble or area)) and ("422"/\$ or "435"/\$ or "436"/\$).ccls.                                     | US - PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT |
| 13 | 89   | channel same meniscus same (detect\$ or analyz\$ or analysis)  | US - PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT |
| 14 | 78   | ((bubble or meniscus) same (detect\$ or analyz\$ or analysis or measur\$) same (target or analyte)) and (wick or (capillary adj (action or flow)))   | US - PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT |
| 15 | 818  | (bubble or meniscus) same (SPR or (surface adj plasmon) or (light adj scatter\$))  | US - PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT |
| 16 | 379  | ((bubble or meniscus) same (SPR or (surface adj plasmon) or (light adj scatter\$))) and (detect\$ or measur\$) and (target or analyte or sample)   | US - PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT |
| 17 | 5    | (bubble or meniscus) same (SPR or (surface adj plasmon) or (light adj scatter\$)) same (end near5 (tube or channel or microchannel or conduit))  | US - PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT |
| 18 | 161  | ((detect\$ or measur\$ or analyz\$ or analysis) near3 (bubble or meniscus)) same (end near5 (tube or channel or microchannel or conduit))  | US - PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT |
| 19 | 1    | (capillary adj (flow or action)) and (((detection or analysis or measur\$ or analyz\$) near2 chamber) near3 ((larger or smaller) near3 (radius or diameter)))                                  | US - PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT |
| 20 | 23   | microfluidic and (((detection or measur\$ or analysis or analyz\$) near2 chamber) same (radius or radii or diameter) same (larger or smaller or greater or less))                              | US - PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT |
| 21 | 684  | (((detection or measur\$ or analysis or analyz\$) near2 chamber) same (radius or radii or diameter) same (larger or smaller or greater or less))   | US - PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT |
| 22 | 98   | (((detection or measur\$ or analysis or analyz\$) near2 chamber) same (radius or radii or diameter) same (larger or smaller or greater or less))) and ("422"/\$ or "435"/\$ or "436"/\$).ccls. | US - PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT |

|    | Hits | Search Text  | DBs   |
|----|------|--|---|
| 23 | 453  | ((detect\$ or measur\$) same ((channel or microchannel or tube) near2 end) same (bubble or meniscus or menisci))   | US - PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT |
| 24 | 121  | ((detect\$ or measur\$) same ((channel or microchannel or tube) near2 end) same ((bubble or meniscus or menisci) not air))   | US - PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT |
| 25 | 586  | ((capillary adj (action or flow)) or wick) and ((separat\$ or filter) near3 (zone or area or region or chamber or channel)) and ((detect\$ or measur\$) near3 chamber)   | US - PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT |
| 26 | 80   | ((capillary adj (action or flow)) or wick) and (((detect\$ or measur\$) near3 chamber) same ((tip or end) near3 (channel or microchannel or tube or capillary)))         | US - PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT |
| 27 | 136  | ((hand adj held) same (device or probe)) and ((emit or emission) same detector) and ((matrix or membrane) same (capture or separat\$ or bind\$)) and (capillary or wick) | US - PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT |
| 28 | 42   | 435/287.9.ccls. and 435/288.5.ccls.  | US - PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT |
| 29 | 123  | (capillary adj flow) and (filter same bind\$) and (detect\$ same fluoresc\$)   | US - PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT |
| 30 | 565  | 435/970.ccls.  | US - PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT |
| 31 | 755  | (capillary same (action or flow)) and (detect\$ same (flow adj through)) and bind\$ and ("422"/\$ or "435"/\$ or "436"/\$).ccls.   | US - PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT |
| 32 | 22   | (435/962 and 436/518 and 436/824).ccls.  | US - PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT |
| 33 | 236  | (435/962 and 436/518).ccls.  | US - PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT |

|    | Hits | Search Text   | DBs   |
|----|------|---|---|
| 34 | 628  | microfluidic and ((separat\$ or filter) same (specific or bind\$ or capture) same (chamber or region or area)) and (chamber same detect\$) and fluoresc\$ | US - PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT |
| 35 | 458  | (affinity adj chromatograph\$) and (microfluidic same (plate or biochip or channel)) and fluoresc\$   | US - PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT |
| 36 | 11   | NN382 same dye  | US - PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT |
| 37 | 17   | NN382   | US - PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT |
| 38 | 148  | (fluorescein or rhodamine or (texas adj red)) same (negative adj charge)  | US - PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT |

STN Columbus

STN search:

(FILE 'MEDLINE, EMBASE, BIOSIS, SCISEARCH, CAPLUS' ENTERED AT 14:49:16 ON 20 FEB 2006)

L1 21 S NN382  
L2 174 S DYE(P) 382  
L3 117 DUPLICATE REMOVE L2 (57 DUPLICATES REMOVED)  
L4 29 S L2 AND LASER  
L5 43 S L2 AND FLUORESC?

# Chemical Formula Not Found

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